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Magellanic Premium: On ballot, "no premium was adjudged to the two first [papers], but the Premium was unanimously adjudged to the piece on a 'number of the pernicious Insects of the U. S.,' and the sealed Letter . . . being opened, it appeared to have been written by Dr. Ben. Smith Barton of Philada."

"*Resolved*, That the author of the Paper signed C. c. br. be allowed to withdraw the said paper."

Librarian to notify members to attend at the Hall preparatory to hearing the Eulogium on Priestley.

1805. *Jan. 3.* (McKean, Yrujo, Short, De Foronda, Fothergill, Shippen, Wistar, Patterson, Bishop White, Blackwell, Barton, Mease, James, Coxe, Hewson, Duffield, Church, Currie, M. Bartram, J. B. Smith, J. R. Smith, Vaughan, Mifflin, Andrews, Hare, Collin, Duponceau, Davidson, Johnston.)

Procession from the Hall to the Church.

After the Oration, thanks voted to Dr. Barton and a copy for publication requested. Thanks also voted to the Trustees of the Church.

END OF VOLUME OF MINUTES.

1805. *Jan'y 4. Between 2 and 5 P. M.* ("Present: Drs. Collin, T. C. James, Hewson, Coxe, Barton, Seybert, Woodhouse, Messrs. Vaughan, Duponceau [*sic*], Patterson, Hare, Short.")

Judges: James, Collin, Vaughan; Secretaries, Du Ponceau [*sic*], Hewson.

ELECTION OF OFFICERS.

President—Thomas Jefferson.

Vice-Presidents—Wistar, Patterson, B. S. Barton.

Secretaries—Seybert, James, Coxe, Hewson.

Councillors—Woodhouse, Duffield, Shippen, Collins.

Curators—Peale, R. Hare, Jr., Jno. Church.

Treasurer—Vaughan.

1805. *Jan'y* 18. (Patterson ; Drs. Mease, Hewson, Col-
lin, Barton, Church, Wistar, Fothergill, James, Seybert ;
Messrs. Allisson [*sic*], Collins, Vaughan, Hare.)

Donations: English Translation of P. Ramus *Geometra* ;
a model of a Life Buoy, with description by T. Hamilton ;
Fothergill's Cautions ; Girle's sermon ; An. Report Royal
Humane Society, 1804. Thanks ordered to T. Hamilton
and A. Fothergill.

Model of Life Buoy referred to Committee on Mugford's
rudder.

Parker's bill for making an eight-day time-piece, \$74.84,
and for repairing a time-piece, \$2.50, ordered to be paid.

Barton's Essay on Pernicious insects returned for altera-
tions desired by the author.

Committee to arrange T. P. Smith's minerals, discharged,
and Dr. Seybert appointed.

S. R. Demaree's letter on the English Alphabet read and
referred to Duponceau, Fothergill and Dr. Barton.

Eulogium on Priestley ordered in the next Vol. Trans.

Jefferson's letter read acknowledging re-election.

Vaughan elected Librarian, *viva voce*.

Election of nine new members: John Maclean, Professor
Natural Philosophy and Chemistry, College of New Jersey ;
Ed. Miller, M.D., New York ; Revd. J. Prince, Salem ;
Captain W. Jones, Philadelphia ; Charles Smith, Lancaster ;
W. Hawes, M.D., London ; S. Moore, Philadelphia ; Frs.
Adrian Van der Kemp, Oneida county, New York ; Ben.
Silliman, Professor Chemistry and Natural History, Yale
College, New Haven.

1805. *Feb'y* 1. (Patterson ; Hewson, Moore, Fothergill,
Seybert, Marquis de Cassa Yrujo, Vaughan, Duponceau,
J. B. Smith, Collins, Humphreys.)

Committee to arrange the shells discharged, and Peale ap-
pointed.

Donations: Caldwell's Medical Theses ; Minerals chiefly

from Elba, and letter from J. D. Clifford; “Rock crystal encrusted upon a ferruginous stone, found in the City of Washington.” Thanks ordered.

Minerals of the Society to be arranged and catalogued by Dr. Seybert as he shall think best.

Dr. James permitted to keep out for three months seven Vols. of French Encyclopædia relating to Medicine; Vaughan to take out No. 93 Journal des Mines; Seybert to keep out Gallitzin’s Dictionary of Mineralogy.

T. Arneats’ model to prevent leaks in the roofs of houses, and description presented for inspection.

1805. *Feb’y* 15. (Patterson; Fothergill, Mease, Hewson, Moore, Wistar, Barton, Seybert; Duponceau, J. B. Smith, Vaughan, Peale.)

Report on Mugford’s rudder, read, and first resolution adopted; second postponed; notice to be given, according to rule of December 7, 1804.

Report on Demaree’s letter read and adopted. A copy to be sent to Jefferson.

Donations: Schæffer’s *Sämtliche Papierversuche*; three specimens lead ore from Perkiomen creek; engraved portraits of Rush and Barton by Haines. Thanks.

Duponceau to analyze Schæffer’s “publication.”

P. Legaux’s letter and all Meteorological papers now in possession of the Society to be reported on by Duponceau, Wistar and Vaughan.

1805. *March* 1. (Patterson; Fothergill, Hewson, Coxe, Mease, Wistar, Seybert; Peale, Jones, Vaughan.)

Report on Legaux’s letter read and adopted.

Committee of November 2, 1804, reported that it had informed “Mr. Smith that the Society accepted the Trust deposit of Engravings.”

Robt. K. Lorrey’s paper on Silk Worms, read and referred to Mease, Coxe and Collins.

Donations: Plan de Paris, 20 planches F.; Spalding's bill of mortality for 1804; F. L. Norden's travels in Egypt. 1757; G. Baron's Principles of Commerce; Facts and arguments . . . utility of Inland Navigation in America. Thanks to Duponceau and Baron.

Vaughan's replacing a miscarried Vol. IV, Transactions for the National Institute of France, approved.

Mugford's Temporary Rudder; second resolution again postponed.

1805. *March* 15. (Dr. Barton; Shippen, Mease, Moore, Seybert, Wistar, Duponceau, Collins, Vaughan, Gilpin, Peale, Patterson, Nichols.)

S. Webber, the Prince of Peace, and Dr. McClean acknowledged receipt of their certificates.

Donations: Webber's Mathematics; Portrait of R. Price, D.D.; First Report President and Directors Chesapeake and Delaware Canal Company; Eulogy of Professor Webber on Revd. Jos. Willard. Thanks. Also Journal des Mines; Annales de Chimie and Annales du Mus. Nat. Hist.

Professor Heyne, Göttingen Royal Society acknowledges Vol. VI, p. 1.

Mugford's Rudder; second resolution adopted; \$40 or a medal of that value awarded; Secretary to forward a copy of the resolution, and publish it in the papers; Model and papers referred to Duponceau, Patterson and Mease to publish.

Barton's Eulogium on Patterson to be published in Vol. VI, pt. 2, Transactions.

Decandolle's *Essai sur les prop. med. des plantes*, received per Du Pont de Nemours, from Paris.

1805. *April* 5. (Wistar; Drs. Barton, Fothergill, Mease, Woodhouse, Hewson; Messrs. Collins, Gilpin, Smith, Peale, Nichols, Vaughan.)

Board of Officers reported regulations and questions for the

“Extra Magellanic Fund,” which were “adopted for publication.”

1. The best experimental essay on native American permanent Dyes or Pigments accompanied by specimens.

2. The best means of navigating our rapid rivers against the Stream.

3. The best essay on the general natural history of the ranges of American mountains in the country to the East of the river Mississippi.

4. The best essay on the natural history and chemical qualities of the Hot and Warm Springs of the United States or of any one of them.

Fothergill and Collins, a Committee to make verbal corrections for the press.

Committee on Silk Worms, &c., reported that a similar essay had been already published in Vol. II, Transactions.

The Librarian and Secretary “to have the communication published in such manner as they may think most eligible.”

Donation: Teignmouth’s Memoirs of Sir W. Jones, Phil. 1805.

“On the manufacture of cloth from the fur of Seal Skins,” from Rob. R. Livingston, with specimens, read and referred to Dr. Mease.

1805. *April* 19. (Barton; Vaughan, Nichols, Peale, Collins, Wheeler, Patterson, Fothergill, Mease, Hewson, Duffield, Coxe, James.)

A “Chinese Compass,” presented by D. Davis, and “Model of a Chinese pump” for irrigation, exhibited by Mr. Vaughan.

The Vice-Presidents to assist the Librarian to prepare Vol. VI, pt. 2, for the press. Librarian to contract with the printer for same.

Dr. Roxburgh’s [*sic*] answer to the Secretary’s letter read.

Election of a new member: Wm. Tilghman, Esq.

1805. *May* 3. (Patterson; Nichols, J. B. Smith, Tilghman, Duponceau, Short, Vaughan, Williams, Fothergill, Mease, Hewson, Wistar, Seybert, Barton, James.)

Livingston’s letter and Committee’s report on it, filed.

Jno. Conrad to print Vol. II, pt. 2; "terms the same as those heretofore made with Miss Jane Aitkin."

Librarian authorized to exchange duplicate minerals.

Donations: Two medical books, Leghorn, 1804.

Publications referred to Wistar and Duponceau to report.

Two nodules "abundant in Green River county."

"N. B. Dr. S. Brown [of Lexington, Ky.] calls *one* Salt Petre Rock, which without any addition of Pot ash makes excellent Nitre. The other he sent in a phial, of which when saturated with Pot ash each pound will yield an equal quantity of Nitrate of Potash." Dr. Brown's letter "was read, accompanying a specimen of fibrous Gypsum and Specimens of Nitrate of Potash and Lime lately discovered in great quantities in Caves in the Neighborhood of Lexington."

A letter and pamphlet, "Pantometry," from John Dawes was read and referred to Patterson and Clay.

Astronomical Observations by Mr. Ferrer, read and referred to Patterson, Nichols, Ellicott.

Dr. Griffiths returned to the Library a French pamphlet on the Epidemic at Orleans in 1785, "which had been placed in his hands some time since."

Royal Society acknowledged receipt of Vol. VI, part 1.

Wm. Vaughan, of London, accepted the American Philosophical Society agency.

Jefferson wrote that N. H. Weinwich, Secretary Royal Society Heraldry and Genealogy, Denmark, had sent him 150 Roman bronze coins, from Augustus to Theodosius "He deposits them with the A. P. S. believing them well worthy its acceptance." Dr. Wistar to answer the letter.

Microscope lent to Dr. Hewson for one month.

French Encyclopædia, Medical part, lent to Dr. James for three months.

Two teeth lent to Dr. Barton for a month to be drawn.

1805. *May 17.* (Patterson ; Mr. Collins, Duponceau, J. B. Smith, Vaughan, Peale, Fothergill, Barton, Mease, Hewson, James.)

Committee on Schaeffer's work on paper specimens continued.

Committee on two Italian books (Fever at Leghorn) continued.

Donations: Pieces of a Tape-worm; Abstract of Documents relative to Louisiana and Appendix; Specimens of Lehigh Coal; of Black Earth, a new coloring substance, from the banks of the Lehigh near Nazareth; of a supposed copper ore from the Lehigh; Saline effervescence from chalybeate spring near Fort Allen; Indian beads from a female skeleton found on the Delaware shore near Easton, from Dr. Fothergill; also *Choix des Mem. de l'A. R. d. Inst. et B. L.*, 3 Vols. 4°, 1777, presented by Mrs. Mease.

"Chevalier Dannemours' account of the Washita, communicated by the President, is referred to Messrs. Duponceau, Vaughan, Collins," to report, and translate if worthy of publication.

Delambre, Secretary Natural Institute, Paris, acknowledges Vol. VI, part 1.

"*Resolved*, That the College of Physicians have liberty to accommodate the Agricultural Society* on such terms as they shall mutually agree upon."

1805. *June 21.* (Dr. Collin ; Vaughan, J. B. Smith, Peale, Mease ; Dr. Miller, of New York, and Dr. James.)

Dr. Miller's letter of acknowledgment was read.

Ferrer's paper of May 3d reported for publication.

"Dr. Barton returned the Two Teeth from Tyoga & Santee." Dr. Hewson returned the microscope.

Donations: Ventenat's *Tableau du Regne végétal*, 4 Vols. 8°; Brisseau-Mirbel's *Traité d'Anatomie*, 2 Vols. 8°; Volney's *Soil and Climate*, U. S.: Brown's translation, Phil., 1804; 24 Medical Theses for M. D. in the University, Penn-

* In their hired room.

sylvania. [The list occupies about a page.] Coxe's Phil^a. Med. Mus. Vol. I.; Specimens of gold from Cabarrus county, North Carolina, with Jos. Richardson's Assay of part of it at the Mint, 7 dwts. 7 gr.

"A new & simple Method of producing Decisions in certain Cases by the way of Chances," read and referred to Patterson and Nichols.

1805. *July* 19. (Patterson; J. B. Smith, Peale, Vaughan, Collins, Tilghman, Short, and Drs. Barton, Fothergill, Hewson, Mease, Wistar, Church and James.)

Donations: Soulavie's *Memoir. Hist. Louis* 16, 6 Vols. 8°; *Recueil des pieces trouvés dans l'Armoire de Fer.* 3 Vols. 8°; Arnould's *De la Ballance du Commerce*, 2 Vols, 8°, avec *Atlas* 4°; Arnould's *Système Maritime*; Page's *Traité d'Econ. Pol. et de Commerce des Colonies*, 2 Vols. 8°; Bonnet's *Etats Unis*, 2 Vols. 8°; *Rel. abr. du Voyage de la Condamine*; Barbé de Marbois' *Etat des Finances de S. Dominique*; *Obs. Personelles*, 4°; *Mem. et Obs.* 4°; Beaufort's *Tableau Stat. de l'Europe*, 4 parts, first sheet wanting; Denon's *Voyage . dans . Egypt, Londres*, 4°, 2 Vols. and 1 Vol. F. planches, 1802, presented by A. Regnaud.

The Medals [May 3d] were received from Jefferson. Librarian to arrange them with new labels, where wanting, calling any member to his assistance.

"Prof. Ebeling of Hamburg presented *Erdbeschreibung und Geschichte von America*; 6th Vol. containing the History of Pennsylvania, Hamburg 1803, 8°." Ebeling's letter was read, saying the Mineralogical Society of Jena still existed, and had received Transactions American Philosophical Society Vol. VI, i, had published a new Vol of its Transactions, and that Professor Lenz was its Secretary.

John Garnett, of Brunswick, New Jersey, presented his Edition of Nautical Almanacs from 1803 to 1807.

Haygarth's Sketch of a Plan to exterminate the Small Pox from Great Britain, mislaid in transmission since 1793, was

presented now. It forms Vol. II and III of his Medical Transactions, presented some time past.

Linnean Society, London, acknowledged Vol. VI, i.

Fothergill presented Specimens of Lead ore from the Perkiomen mines, Cubic Pyrites from Lancaster, and wild Indigo.

T. Hamilton presented J. Harris's *Lexicon Technicum*.

Francis Dacosta's letter and drawing describing the Perkiomen mines, read.

Ferrer's letter describing Solar Eclipse of 26th of June, read.

Patterson's Commentary on Barron's paper on the Power of Numbers was referred to Patterson, Hewson and Nichols.

Humboldt and Biot's pamphlet, *Sur les variations du magnetisme terrestre*, with a letter from Biot wishing that similar Observations might be made in the U. S., forwarded by Jefferson. Referred to Patterson and Hewson.

Election of a new member: Bushrod Washington, Esq.

1805. *August 16.* (Wistar; Patterson, Vaughan, Madison, J. B. Smith, Peyrouse, James, Barton, Fothergill, Church, Coxe.)

Committee report on Humboldt and Biot's pamphlet; re-committed "to mature and publish."

Encyclopedia, Medical part, returned by Dr. James.

Committee on Chances discharged, reappointed and requested to report.

Donations: *Life of Washington*, Vol. IV; *Papers on Agriculture* (Massachusetts Society for Promoting Agriculture). Thanks voted Mr. Wayne and Ben. Vaughan.

Captain Mugford begs the Society "to give directions for a Medal, in preference to the money offered as the Extra Magellanic premium for his Rudder." Referred to the Treasurer.

1805. *Sept. 20.* (Barton, Coxe, Vaughan.)

1805. *Oct.* 4. (Barton; Dr. Collin, Peale, Nichols, Vaughan.)

Donations: Mem. R. A. Prussia, 1799 to 1801, 2 Vols. 4°; Zach's Tabulæ, 1792, Gothæ; from B. Dearborn, an instrument invented by him called "a facility for casting interest," with a letter; Annual Report Royal Humane Society, London; Engraved Portrait of Bishop White; an Indian earthen bottle found in upper Louisiana.

"The Society agreed to take from Mr. Vaughan Weaver's translation of A. E. Werner's treatise on the external characters of fossils, 8°, Dublin, 1805, cost \$3.00." [On the margin.]

Communication by J. Garnett, on "Interpolations," read and referred to Vaughan, Patterson and Nichols.

"Essai sur la plus nouvelle des epoques de la nature suivi d'un tableau comparatif de la Basse Louisiane avec la Basse Egypte," communication by Henry Peyrouse, read and referred to Mr. Collins, Dr. Wistar and Dr. Collin.

"Guyton Morveau's Disinfecting apparatus, with materials ready prepared for use, was received thro. Mr. Duponceau from Mons: L. A. Pichon, with extract from a letter from the latter dated Bordeaux, 25 June, 1805."

1805. *Oct.* 18. (Barton; Dr. Collin, Vaughan, Patterson, Duponceau.)

Donations: Transactions Royal Swedish Society, Vols. I to XXV (Vol. III and VI defective), 1780 to 1804, with a letter from Professor Sjoestin, Secretary, promising continuance; Census of Spain; Materials from which the maps of Guthrie's Geography were compiled, presented by M. Carey.

Ellicott's Astronomical Observations presented; referred to Patterson, Vaughan, Hewson.

1805. *Nov.* 1. (Patterson; Duponceau, Peale, Vaughan, J. B. Smith, Fothergill, Collin.)

Ellicott's Astronomical Observations reported worthy of publication.

Donations, per W. Vaughan: Transactions Royal Society 1801 to 1805; Transactions Linnean Society, VII; from Lafayette, Destutt Tracy's *Projet d'Elements de Ideologie*, 1 and 2 parts; from Dr. Sam. Brown of Lexington, Kentucky, Cranium, tooth and pieces of bone found in Saltpetre cave; small earthen cup (broken in carriage); a large mass of argillaceous earth; piece of pumice.

Bushrod Washington acknowledges his election.

Ez. Hill's description of the Falls of Niagara (to be published in four months if at all); referred to Barton, Duponceau, Collins.

Dr. Collin offered to translate and read interesting parts of the Swedish Transactions.

Resolution to repeal the law requiring non-resident members to pay \$10 on admission, ordered to lie on the table.

1805. *Nov.* 15. (Wistar; Collins, Duponceau, Hare, Peale, Vaughan, Fothergill, Hewson.)

Committee on Perouse's paper continued.

Committee on Biott's [*sic*] paper continued. Committees to be notified to make their reports at the next meeting.

Donations: San Augustin's *Compendio Lingua Tagala*, Manilla 4°, 1703; Fra Domingo's *Vocab. Lingua Tagala*, 1794, F. (both from Mr. Peter Dobell, of Canton). Thanks voted. Referred to Barton and Collin.

A box of plants, earths and mineral, from Captain Merewether Lewis, per Jefferson, who wishes the seeds sent to Mr. Wm. Hamilton; Vaughan and Seybert to examine the earths and minerals; resolution requesting Mr. Hamilton to plant the seeds and report the results with descriptions and specimens.

"The Hortus siccus is referred to Dr. Barton" to examine and report.

1805. *Dec.* 6. (Patterson; Fothergill, Peale, James, Church, Hewson, Barton.)

Committee on Leghorn pamphlet reported it "interesting to medical men."

Catalogue of medals (made by Mr. Vaughan), ordered to be deposited with the medals.

Donations from Mr. F. T. Hassler "lately from *Swisserland* [*sic*] & now in this city." A model of Mount Blanc; two horns of the Chamois; a specimen of Feldspar. From Dr. Fothergill; Specimens of Otaheitian cloth, and of British papers composed of cheap materials; List of Officers and Members of the Jennerian Society, with a Comparative view of Small pox, &c.; Extracts on Chimney Sweeping, new method; Constitution, &c., of Society for suppressing the necessity of climbing boys; *Hobbesii Vita*, 1679.

1805. Dec. 20. (Wistar; Barton, Fothergill, James, Hewson, Collins, Patterson, Vaughan, Duponceau.)

Donations: McNevin's *Rambles*, 2 editions; Sicard's *Cours d'Instruc. d'un Sourd-muet*; letter from A. Cretien, with a copy of his "*De la Methode Iatroliptice*;" "The skeleton of an Elephant from the Asiatic Society sent by the *Martha*, accompanied by a letter from Wm. Hunter, Secretary to the Society. The attention of the Society [*Asiatic*] was carried so far as to pay the freight."

From Jefferson: A Horned Lizard from upper Louisiana.

From Dr. Brown, of Kentucky, the head bones of a new animal found in a Saltpetre cave, and a specimen of pure native saltpetre.

The Lizard referred to Dr. Barton for description.

The cave bones referred to Dr. Wistar.

Catalogue of Captain Lewis' donations reported by Vaughan. The Insects and two small animals referred to Dr. Barton.

"On the Ice Islands &c.," from Dr. Mitchell, read and referred to Barton, Fothergill and Patterson.

"On the means of destroying insects infesting wheat," by General Jones, read and referred to Barton and Mr. Collins.

Acarius' work on Lichens bought for \$5 from Dr. Collin. Committee on placing the Elephant, Wistar, James, Vaughan.

1806. *Jan'y 3. Between 2 and 5 P. M.* (Collin, Barton, Duffield, James, Hewson, Vaughan, Patterson, Duponceau.)

ELECTION OF OFFICERS.

President—Thos. Jefferson.

Vice-Presidents—Patterson, Wistar, B. S. Barton.

Secretaries—Seybert, James, J. R. Coxe, Hewson.

Councillors—Rush, Ellicott, N. Collin, Tilghman.

Curators—Peale, Hare, Jno. Church.

Treasurer—Vaughan.

1806. *Jan'y 17.* (Patterson; Tilghman, Collins, Short, Hare, Vaughan, DuPonceau, Peale; Drs. Fothergill, Duffield, Collin, Wistar, Parke, Barton, Church, Hewson, James.)

Committee on the Skeleton of the Elephant reported, recommending it being "placed in the same room with Mr. Peale's Mammoth, with a handsome and suitable Inscription to show that it was presented to this Society by the Asiatic Society Information to be given of this Arrangement to the Society of Calcutta. Mr. Peale perfectly understands that it is not to be advertised, and is to be at all times accessible to the Members, & he further agrees that no charge shall be made to those Persons whom the Members of the Society may bring to see it." Report adopted and Committee empowered to carry it out.

Dr. Wistar, reported that the Cave bones "prove to be the Bones of the Head of the Pecary [*sic*] of S. America, as described by Daubenton in Buffon's works."

Mr. Duponceau reported, that the Italian pamphlet "contains nothing of importance, except a mode of protecting Books from Worms, which simply consists in mixing Oil of Turpentine with the paste used in binding, which in dry-